

Title (en)

Vehicle brake having a brake de-adjust control switch

Title (de)

Fahrzeugbremse mit Schalter zur Kontrolle mangelhafter Nachstellung

Title (fr)

Frein de véhicule avec interrupteur de détection d'ajustement insuffisant

Publication

**EP 0995921 A3 20020515 (EN)**

Application

**EP 99308299 A 19991021**

Priority

GB 9823199 A 19981024

Abstract (en)

[origin: EP0995921A2] A vehicle brake of the caliper type having electrically actuated active adjustment of the running clearance of a brake lining (26) relative to a brake rotor (12), wherein, for brake operation, angular displacement of a rotatable component (14) of the brake by an external actuator causes axial displacement of a tappet arrangement (22,24) within the brake whereby to transmit the actuator input load to the brake lining (26) of the brake. The brake includes a switch for supplying a brake de-adjust signal when the brakes are to be opened for example for lining replacement. The switch is mounted on or in the body of the brake caliper and provides a non-contact switch arrangement actuated by a rotary movement provided by the rotatable component (14) of the brake in response to lining wear.

IPC 1-7

**F16D 65/16**; **F16D 65/56**

IPC 8 full level

**F16D 65/54** (2006.01); **F16D 55/227** (2006.01); **F16D 65/14** (2006.01); **F16D 65/18** (2006.01); **F16D 65/56** (2006.01); **F16D 66/00** (2006.01); **F16D 66/02** (2006.01); **F16D 65/38** (2006.01)

CPC (source: EP US)

**F16D 55/227** (2013.01 - EP US); **F16D 65/183** (2013.01 - EP US); **F16D 65/568** (2013.01 - EP US); **F16D 66/026** (2013.01 - EP US); **F16D 2065/386** (2013.01 - EP US); **F16D 2066/003** (2013.01 - EP US); **F16D 2125/32** (2013.01 - EP US)

Citation (search report)

- [PA] US 5915504 A 19990629 - DOERICH MICHAEL [DE]
- [A] EP 0703133 A2 19960327 - CONTINENTAL AG [DE]
- [A] WO 9730294 A1 19970821 - KELSEY HAYES CO [US]
- [A] US 4850457 A 19890725 - TAIG ALISTAIR G [US]

Cited by

DE10214669B4; US6969126B2; EP2837533A1; EP2927068A3; US9989116B2; US7413061B2; US7641025B2; US7182184B2; US10422396B2; WO2006111149A1; WO2019161621A1; WO03044386A1; WO03069180A1; US9457782B2; EP3540257B1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**EP 0995921 A2 20000426**; **EP 0995921 A3 20020515**; **EP 0995921 B1 20060517**; AT E326651 T1 20060615; BR 9905114 A 20010320; DE 69931326 D1 20060622; DE 69931326 T2 20070419; GB 9823199 D0 19981216; JP 2000249178 A 20000912; US 6397977 B1 20020604

DOCDB simple family (application)

**EP 99308299 A 19991021**; AT 99308299 T 19991021; BR 9905114 A 19991022; DE 69931326 T 19991021; GB 9823199 A 19981024; JP 30273199 A 19991025; US 42538499 A 19991022